

Process for the Production of Copolycarbonates with Reduced Color

Abstract:

A method is provided for reducing the color generated during production of copolycarbonate that includes quinone-type residues. The method includes the steps preparing a reaction mixture containing precursors of monomer residues, selecting a catalyst introduction strategy and adding catalysts according to the strategy. The strategy is sufficient to result in a product copolycarbonate with improved color. The method further includes the steps of introducing the reaction mixture to a series of process units and allowing the reaction mixture to polymerize thereby forming a copolycarbonate. The resulting copolycarbonate has improved color as compared to a copolycarbonate formed in a process without the steps of selecting a catalyst introduction strategy and introducing catalysts according to the selected strategy.